Amino Acids Are Segregated in Hydropathy – Molar Volume Space by the Second Position of the Codon

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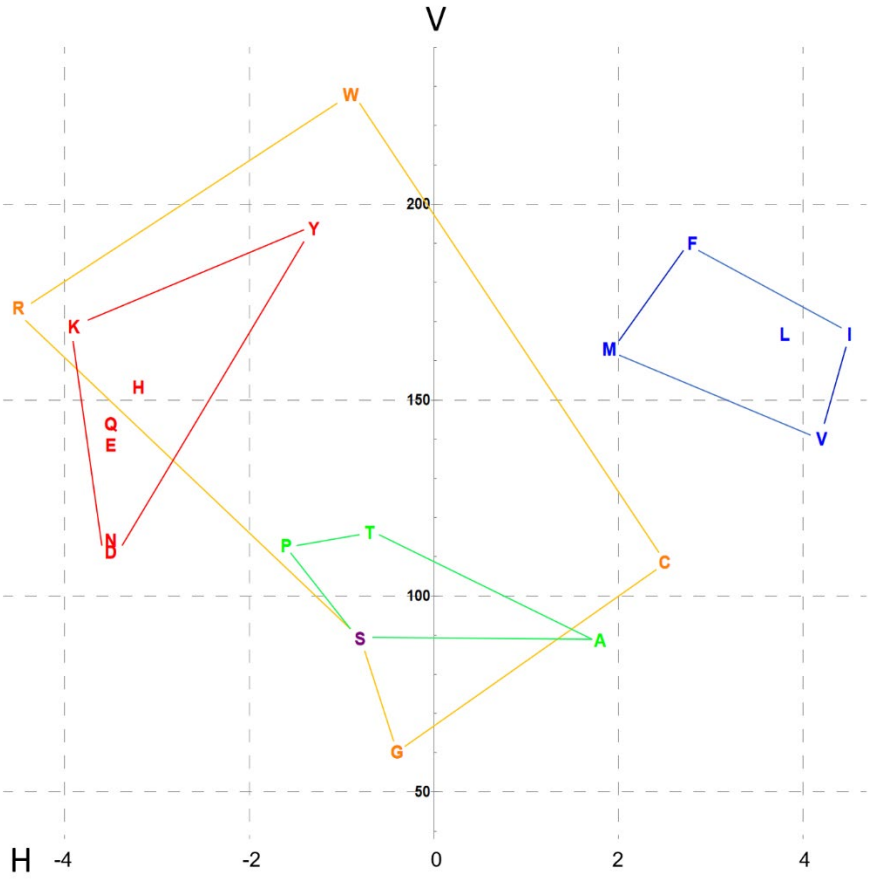

H, Kyte-Doolittle Hydropathy; V, Molar Volume in Cubic Angstroms.

Codon second position: G – orange, A – red, C – green, U – blue.

Serine (S) is in a special position encoded by 2nd position G and C – color coded purple.

Yang, M.M., Coleman, W.J., Youvan, D.C. (1990). Genetic Coding Algorithms for Engineering Membrane Proteins. In: Michel-Beyerle, ME. (eds) Reaction Centers of Photosynthetic Bacteria. Springer Series in Biophysics, vol 6. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-61297-8_21